Northgate Link Project: Transmission Line Relocation Update

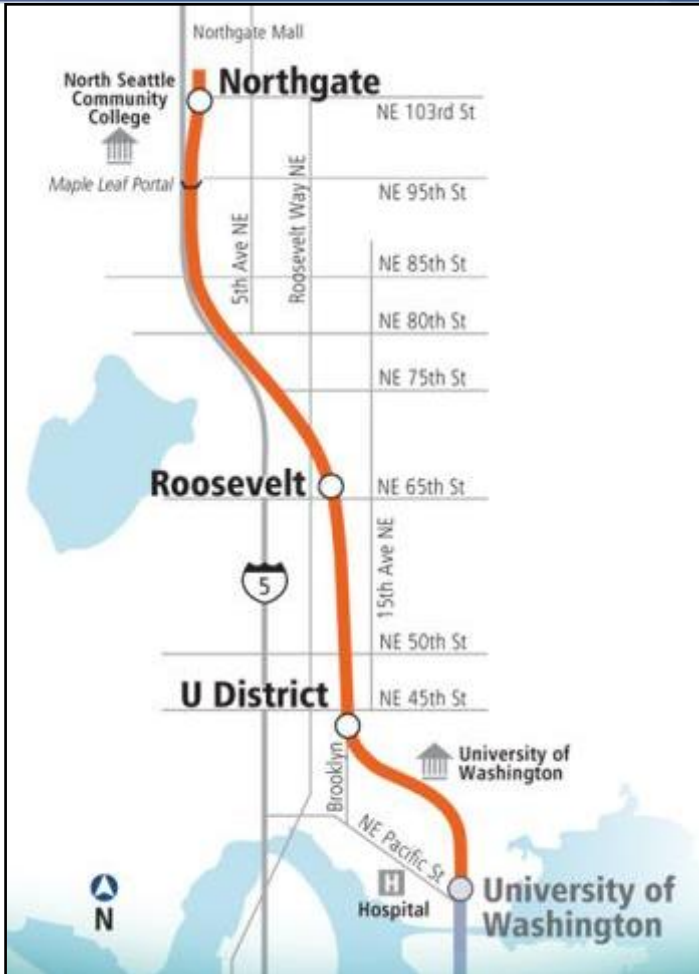
Haller Lake Community Club, March 6, 2014

- 16 miles of light rail with 13 stations currently in service
- University Link under construction; opens 2016
- ST2 Plan funded extensions to Overlake, South King County, and Lynnwood
- 54 mile system

Link Light Rail System

- 4.3-mile light rail extension
- Stations at U District, Roosevelt, and Northgate
- Open for Service: 2021
- 62,000 daily boardings added to system by 2030

Northgate Link Extension

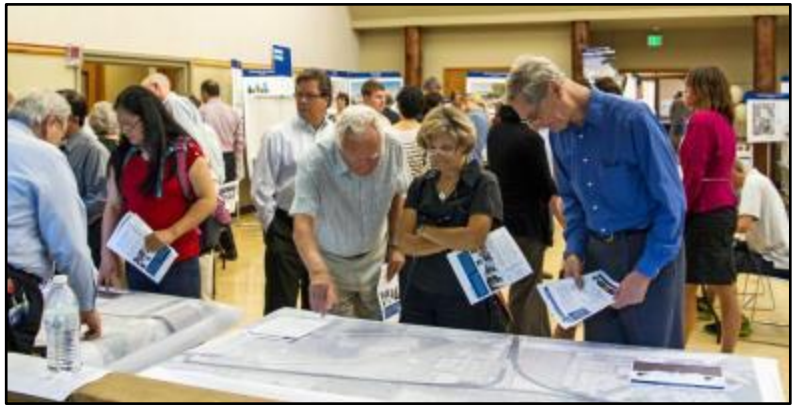


Northgate Station Area Update

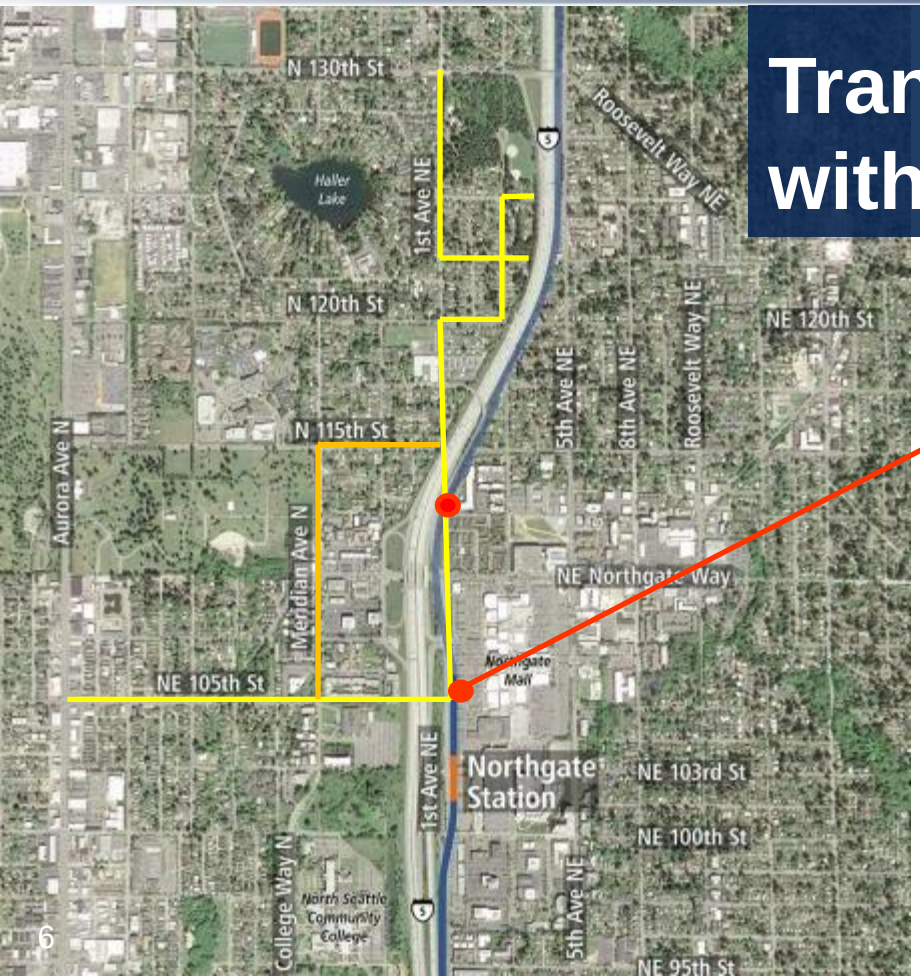
- Portal construction underway; first tunnel boring machine (TBM) launched in late May/early June
- Northgate Station design 90% complete; public open house on March 12th
- Station and guideway construction begins in early 2016
- Early utility relocations in 2014-2015

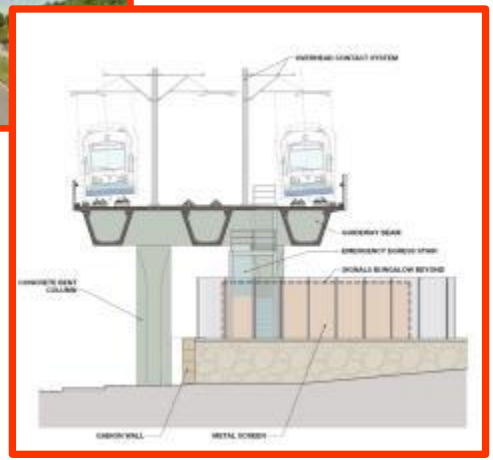
Public Involvement – December 5th Open House

- Over 740 meeting notices delivered to residents within 1 block of proposed route
- Project newsletter also sent to Northgate area residents
- 31 people attended open house
- Over 90 written comments since meeting



Transmission Lines Conflict with Elevated Guideway





115kV Transmission Lines Relocation

- Elevated guideway conflicts with SCL transmission line on 1st Ave NE
- Alternatives east of I-5 considered; SCL conceptually approved Meridian Avenue N. & N. 115th Street route
- Scope of transmission line relocation:
  - relocate ~ 4,000’ of 115kV line
  - install 13 new poles in street right-of-way
  - taller pole height to avoid tree impacts
  - steel poles will replace some wood poles

Initial concept shown on Dec. 5th

- 7 existing wood poles to be replaced, mostly along N 115th St
  - heights (75’ to 115’)
- 5 new poles proposed along Meridian Ave N
  - heights (110’ to 130’)

Community Feedback

Poles out of character with residential neighborhood and not appropriate for non-arterial street:

- Too tall
- Too wide
- Steel

Design Modifications along N. 115th Street

Sound Transit in cooperation with Seattle City Light and Seattle Department of Transportation have modified the design along N. 115th Street:

- Reduced Pole Heights (5 to 20 ft.)
- Replaced Steel with Glued-Laminated (Glu-Lam) Wood Poles
- Reduced Pole Widths

Project Improvements

- Modified 3 poles from steel to wood poles
- Reduced heights along N.115th Street down to 95 feet (up to 20 foot reduction)
- Modified pole placements to avoid utility conflicts

N. 115th Street at Corliss Avenue N. Looking East

2100 Block – N. 115th Street

Summary Response to Community Feedback - Design Modifications on N. 115th

What we heard	How we responded
• Poles too tall	• Reduced height
• Too wide	• Smaller base
• Not steel	• Wood poles

Next Steps

- Geotechnical Investigations – Summer 2014
- Final Design – Fall/Winter 2014
- Replace Poles – 2015

Questions?

For more information

- Sign Up to Receive Email Updates
  - www.soundtransit.org/subscribe
- Sound Transit Website
  - www.soundtransit.org/northlink
- Contact Rhonda Dixon:
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